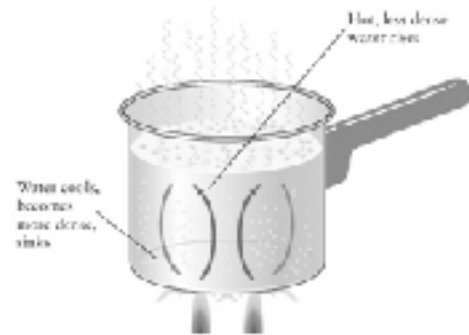


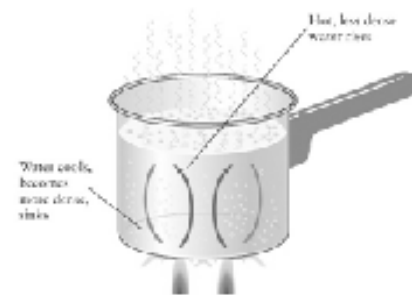
In the process of conduction, heat is transferred from one particle of matter to another without the movement of the matter by touching.



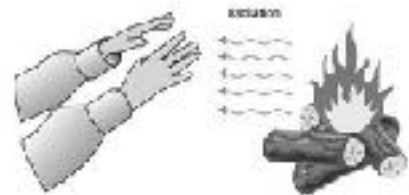
In convection, heat is transferred by the movement of currents within a fluid.



The heated water rises, and the surrounding cooler water flows into its place below. This flow creates a circular motion known as a convection current.



Radiation is the transfer of energy by electromagnetic waves through the air.



A material that conducts, or absorbs, heat well is called a conductor.



A material that does not conduct heat well is called an insulator.

